

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 4 (Cancelled).

5. (New) A method for producing software modules for field devices for process automation technology, wherein the software modules serve as device descriptions and have defined interfaces for application programs in process control systems, comprising the steps of:

producing standard device descriptions from standard device descriptions for field devices, syntactically and semantically correct;

converting the standard device descriptions by means of a compiler into corresponding software modules.

6. (New) The method as claimed in claim 5, wherein:

interfaces and the software modules meet the FDT/DTM specifications (PROFIBUS Guideline -Order No. 2.162 "Specification for Profibus Device Descriptions and Device Integration", Volume 3).

7. (New) The method as claimed in claim 5, wherein:

the standard device descriptions are one of: PDM device descriptions, HCF device descriptions or company-specific device descriptions.

8. (New) The method as claimed in claim 5, wherein:

the syntactically and semantically correct, device description is an EDD 1.1 device description (PROFIBUS Guideline -Order No. 2.162 "Specification for Profibus Device Descriptions and Device Integration", Volume 2).